GE
Lighting Solutions

GEH-3912C

INSTRUCTIONS

PM 17 & PM 16

READ THOROUGHLY BEFORE INSTALLING

⚠ WARNING

Risk of electric shock
- Turn power off before servicing – see instructions

GENERAL

This luminaire is designed for outdoor lighting applications and should not be used in areas of limited ventilation or in high ambient temperature enclosures. Best results will be obtained if the luminaire is installed and maintained according to the following recommendations.

UNPACKING

This luminaire has been properly packed to protect it during transit. Unpack, inspect, and notify the distributor or shipping agent of any damage found.

MOUNTING

⚠ CAUTION

Unit will fall if not installed properly
- Follow installation instructions

This luminaire is provided with means for mounting on 2 in. (2.375 O.D.) to 3 in. (3.500 O.D.) pole tops.

INSTALLATION

Refer to figure A.

Make all electrical connections in accordance with the National Electrical Code and any applicable local code requirements.

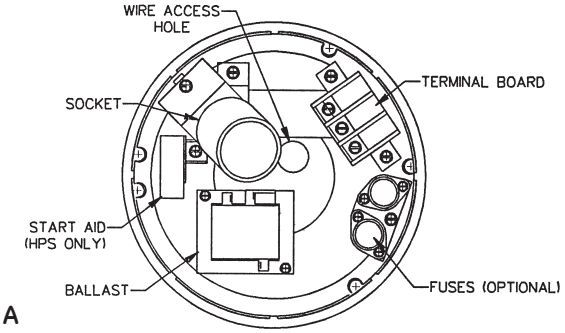
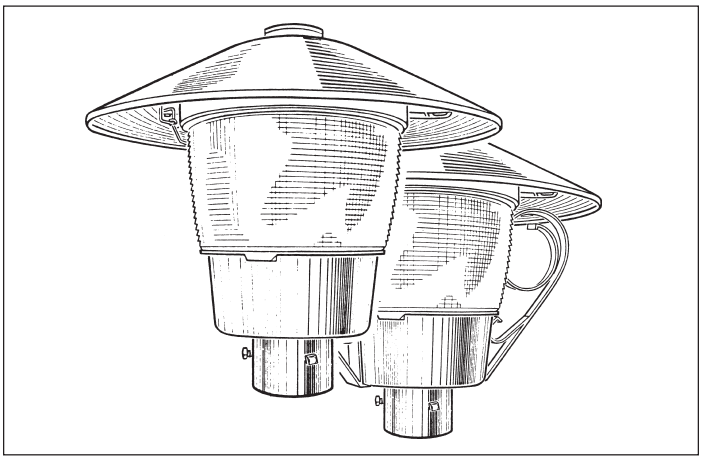


Figure A



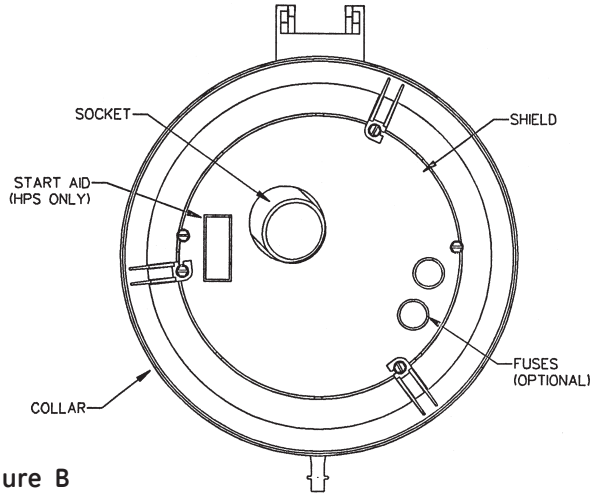


Figure B

1. Certain models have a shield to protect the user from exposure to electrical components while relamping. This shield must be removed to install power supply leads to the terminal board. This shield MUST be replaced after making the supply connections. (See Figure B)

2. Feed the power supply leads through the slip-fitter wire access hole as the fixture is installed on the pole. Level and secure the fixture to the pole by tightening the three set screws in the slipfitter.

3. Connect power supply leads to the terminal board making sure that the ground lead is mated with the terminal receiving the green grounding wire.

These instructions do not purport to cover all details or variations in equipment nor to provide for every possible contingency to be met in connection with installation, operation or maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's purposes, the matter should be referred to GE Lighting Solutions.

Verify that supply voltage is correct by comparing it to nameplate.

IF SINGLE VOLTAGE:

All single voltage ballasts are pre-wired such that user need only connect the supply conductors.

IF MULTIVOLT: (120/208/240/277 volts)

Connect the ballast lead with the insulated terminal to the desired voltage terminal as indicated on the ballast terminal nameplate.

IF MULTIWATT:

Multiwatt ballasts are available in various combinations of wattage. See wiring instructions on wiring tag inside the luminaire.

4. Re-install shield noted above if removed and install lamp.

5. Install the canopy. The hinges can only be assembled when the canopy is tilted up about 40 degrees. (It will rest in the fully open position but should be braced while working with the fixture to prevent injury.) Reassemble the PE receptacle connectors (if provided), close and latch canopy.

LAMPS

CAUTION

Risk of burn

- Allow lamp/fixture to cool before handling

Use only lamps specified on nameplate. Observe lamp manufacturer's recommendations and restrictions on lamp operation, particularly ballast type, burning position, etc.

LAMP TIGHTNESS: The lamp should be securely inserted to NEMA-EEI specified torque of 35 inch-pounds, which is best achieved by very firmly tightening to insure application of sufficient torque. Tightening must be sufficient to fully depress and load center contact of socket.

INSTALLATION OF SCROLLS FOR PM 16 LUMINAIRE

Three (3) scrolls & three (3) thread forming screws are packed unassembled in the shipping carton.

To install each of the scrolls on the luminaire, hook it's tab into one of the three (3) sockets on the underside of the rim that is below the refractor. (See Figure C.)

Secure the scroll at the bottom of the fixture with one of the three screws provided.

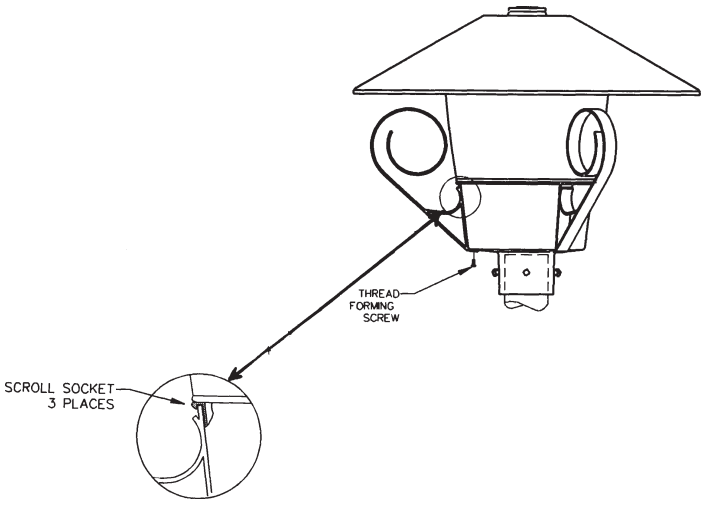


Figure C

MAINTENANCE AND CLEANING

Periodic cleaning of the refractor will ensure operation at maximum optical efficiency. The refractor may be removed by loosening three tie bolts and rotating the securing collar. Wash with non-abrasive soap, cleaner or detergent solutions and rinse with cool water. (NOTE: The refractor is keyed to the collar with the street side opposite the hinge. These should be aligned at re-assembly.)

Light output is dependent on the age of the lamp. In applications where light level is critical it may be desirable to replace lamps before their end of life. The lamp manufacturer can provide data showing how the lamp light output decreases with use.

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